



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Thursday December 31, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Winter weather with travel impacts today for SW/West/West-Central/NW TX, West/Central OK, N AR.**
 - **Significant travel impacts for SW/West/West-Central TX.**
- **Severe storms over SE TX and LA today.**
- **Heavy rain/flash flooding over N&E TX, SE OK, W LA and AR today.**

FEMA Region 6 Threat Matrix

Dec 31, 2020 - Jan 4, 2021



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DAY / THREAT	Thu	Fri	Sat	Sun	Mon
Severe Storms	SETX into LA				
Heavy Rain / Flash Flooding	N&E TX, SE OK, W LA, AR				
Fire Weather					
Winter Weather	SW/W/W-Cntrl TX	N OK, N AR			
	NW TX, W/Cntrl OK, N AR				
River Flooding	NETX	NETX, AR	NETX, AR	NETX, AR	NETX, AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

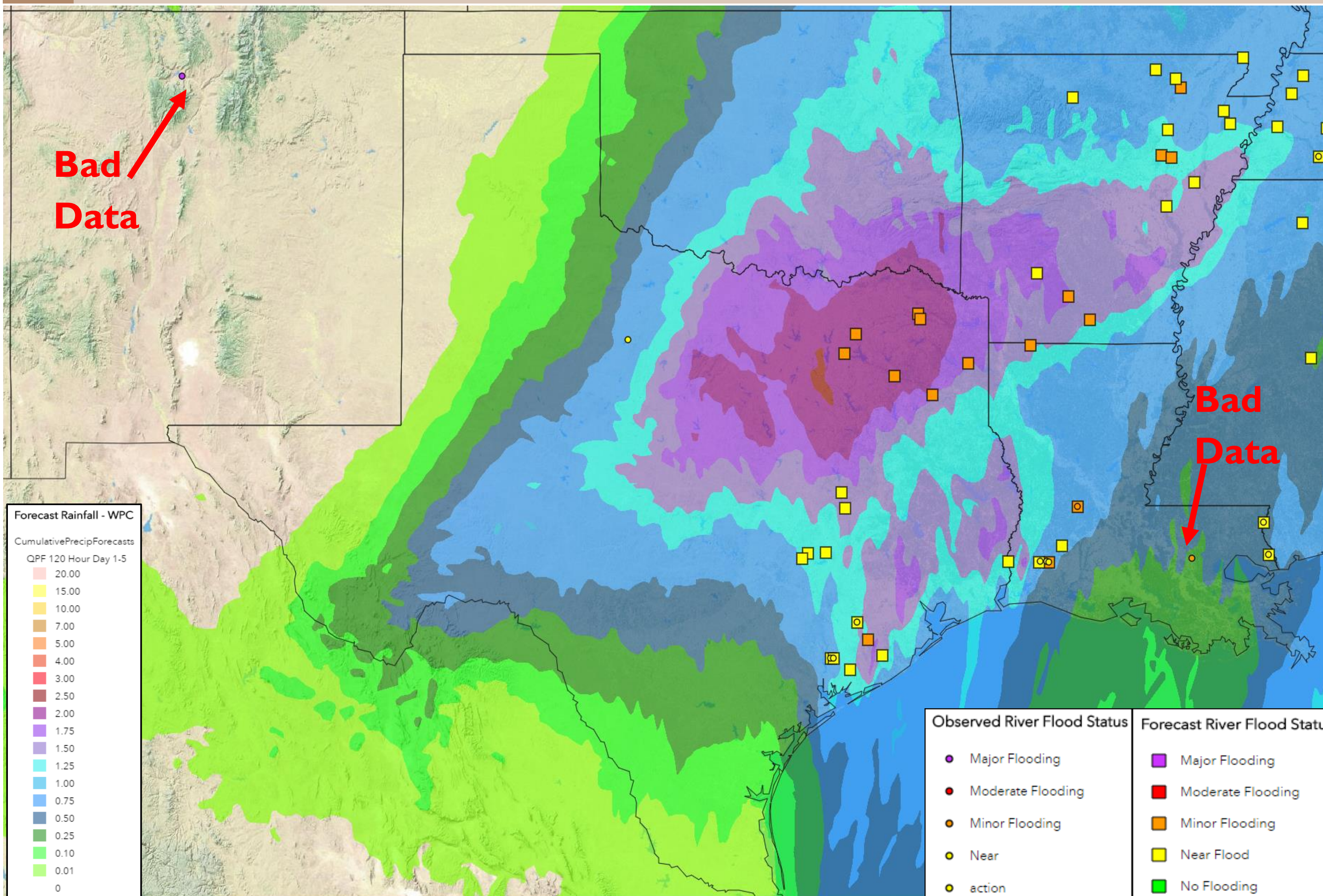
For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

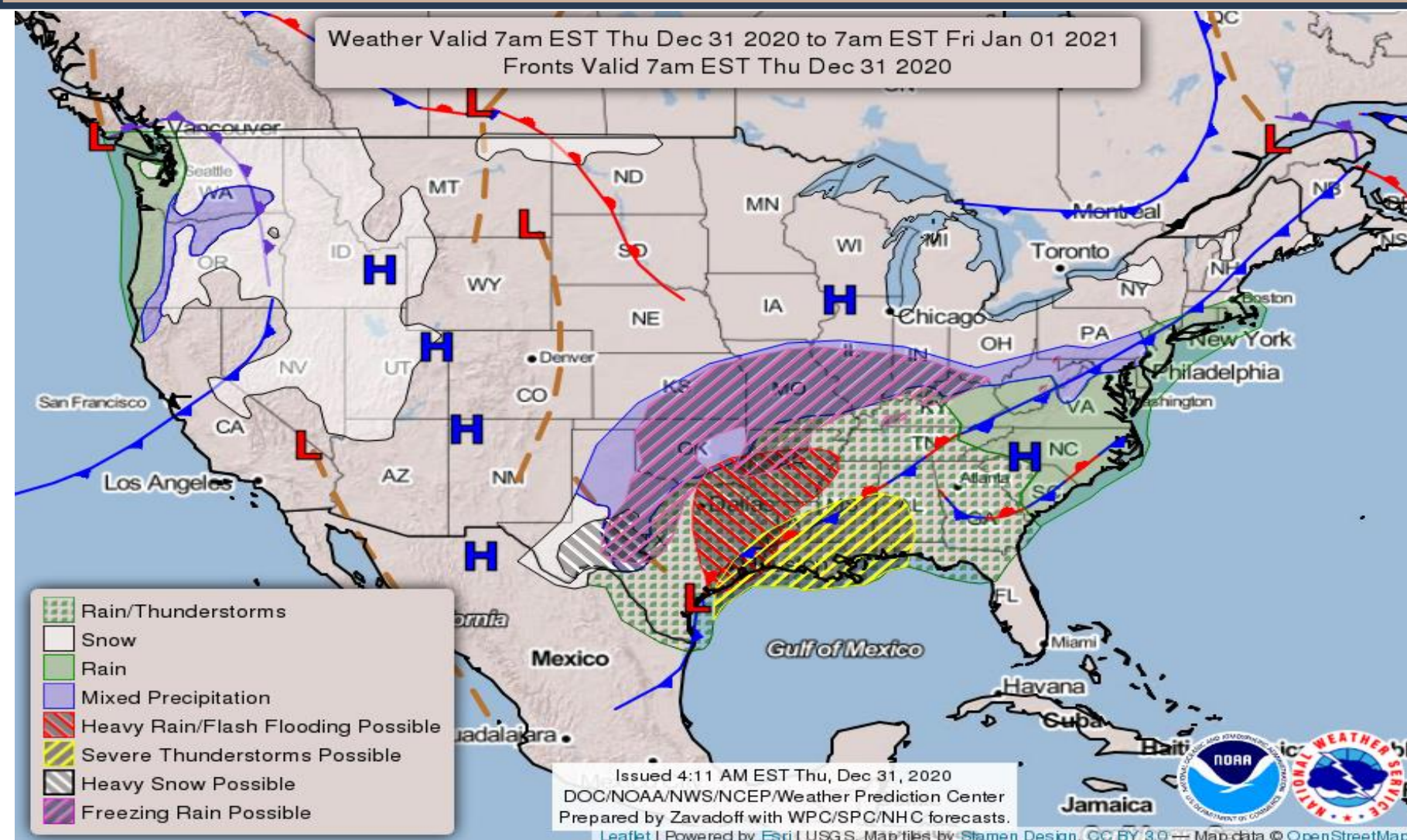


Heavy rain from yesterday and continued heavy rain today will result in minor river flooding in NETX and portions of AR. Impacts are to lowland areas, agricultural areas, & secondary roads.

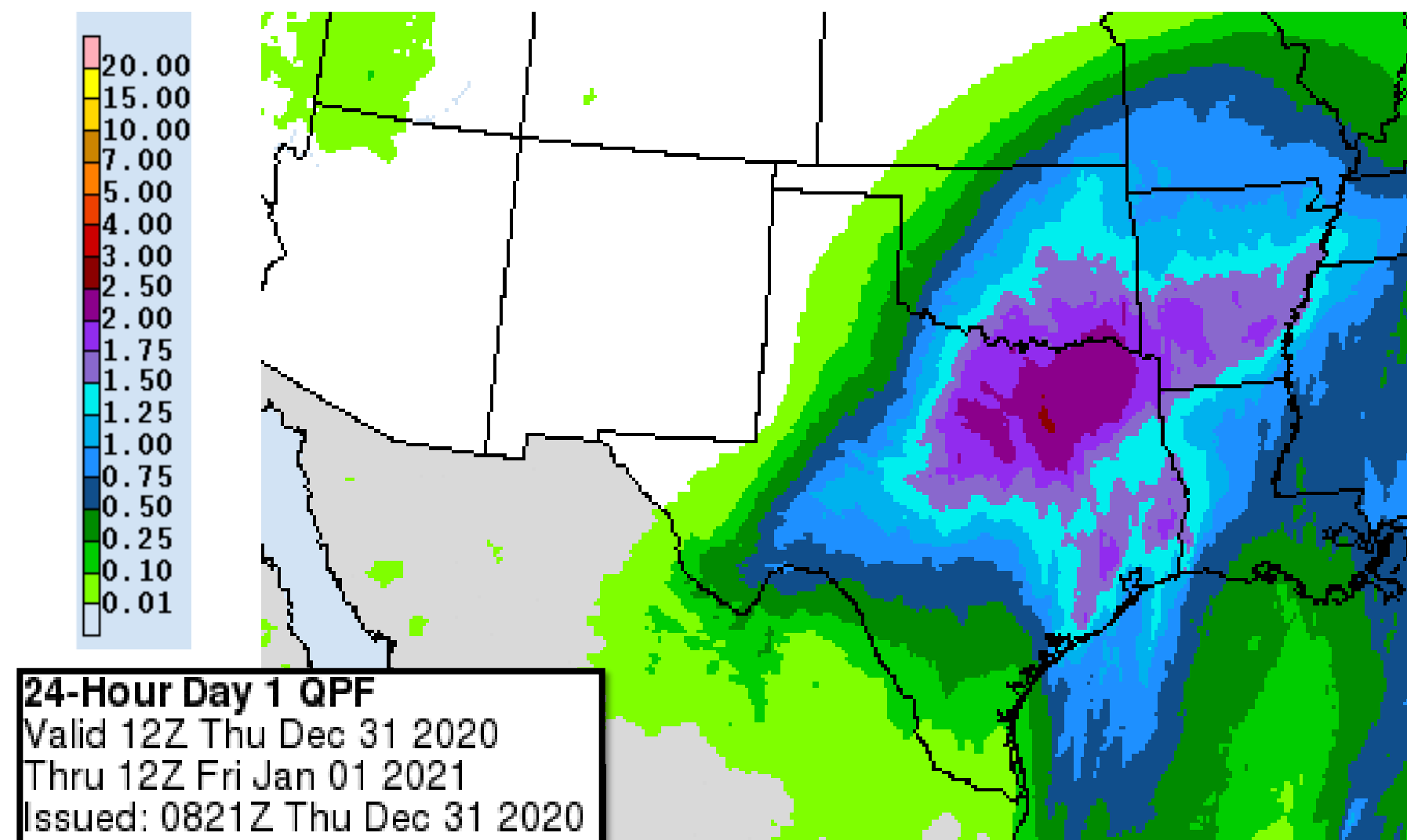
Minor river flooding continues on the Calcasieu River in SW LA this week; some flooding of roads and forested areas near the river.

Today's Weather

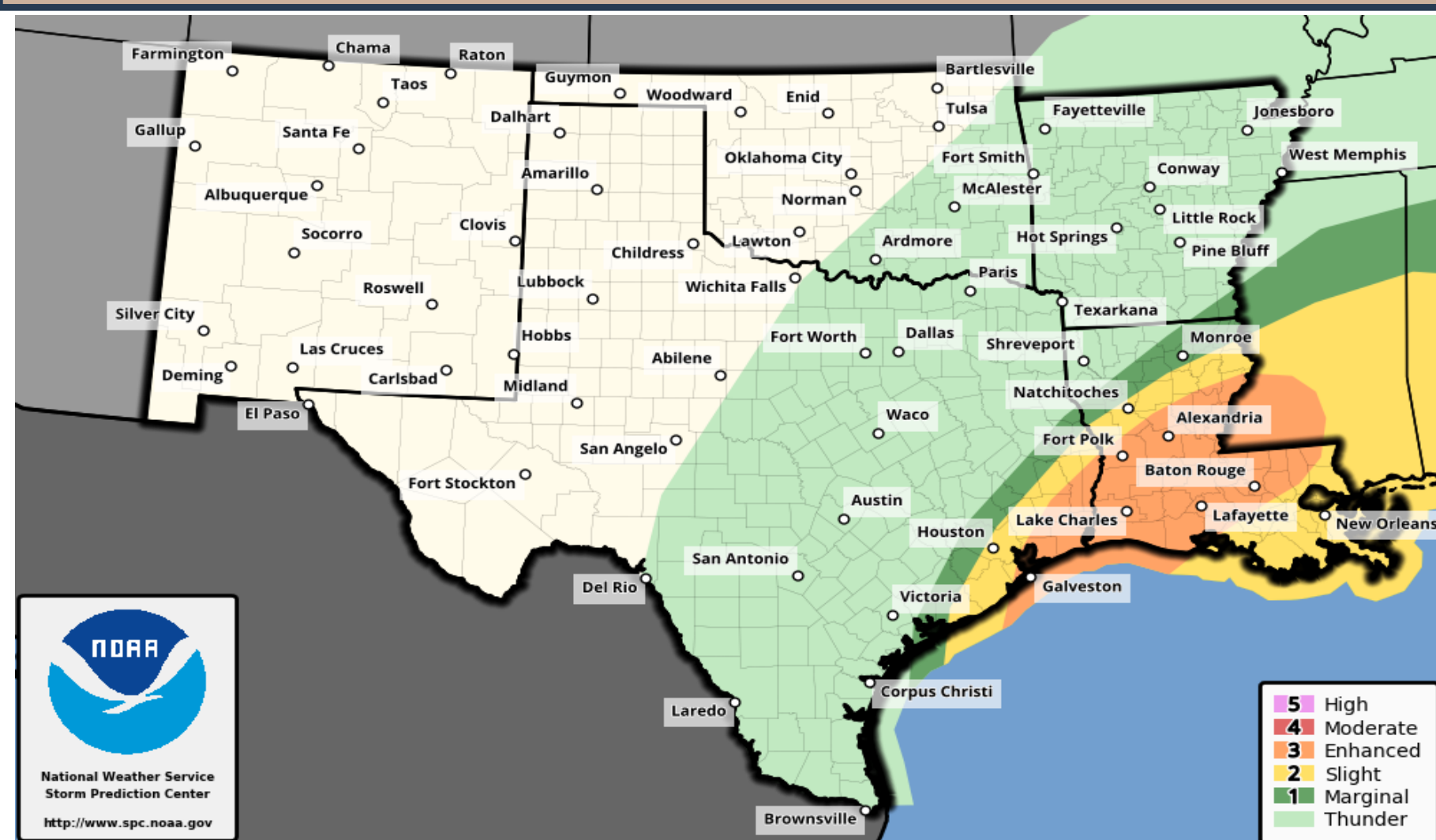
Forecast Chart



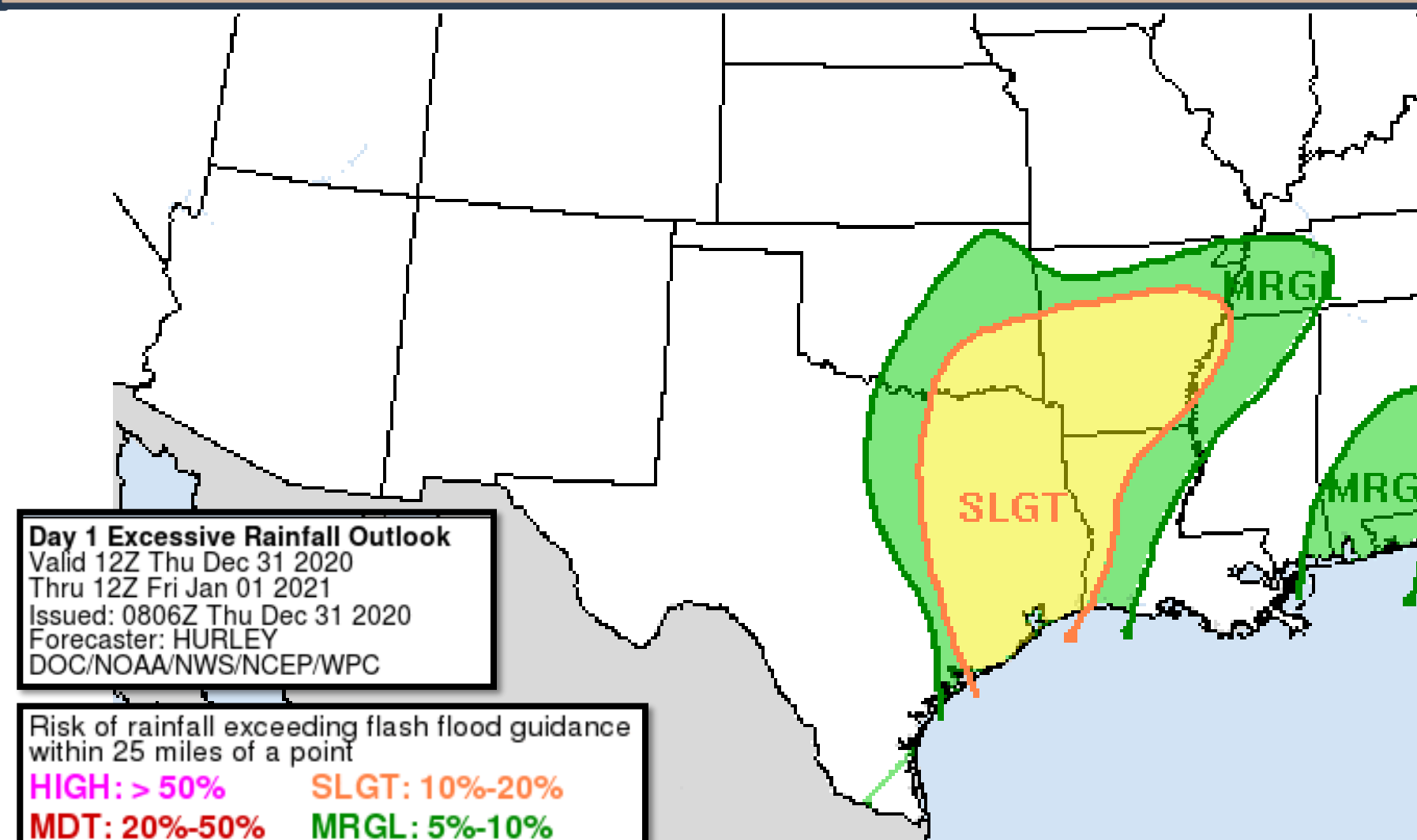
Forecast Rainfall



Severe Weather Outlook



Excessive Rainfall Outlook



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Heavy snow/wintry mix will lead to lead to significant travel impacts for SW/W/W-Central TX.

Enhanced risk of severe thunderstorms for SE TX into LA. Tornadoes and damaging winds are the main threats

Winter weather with travel impacts possible over OK into NW TX, & N AR.

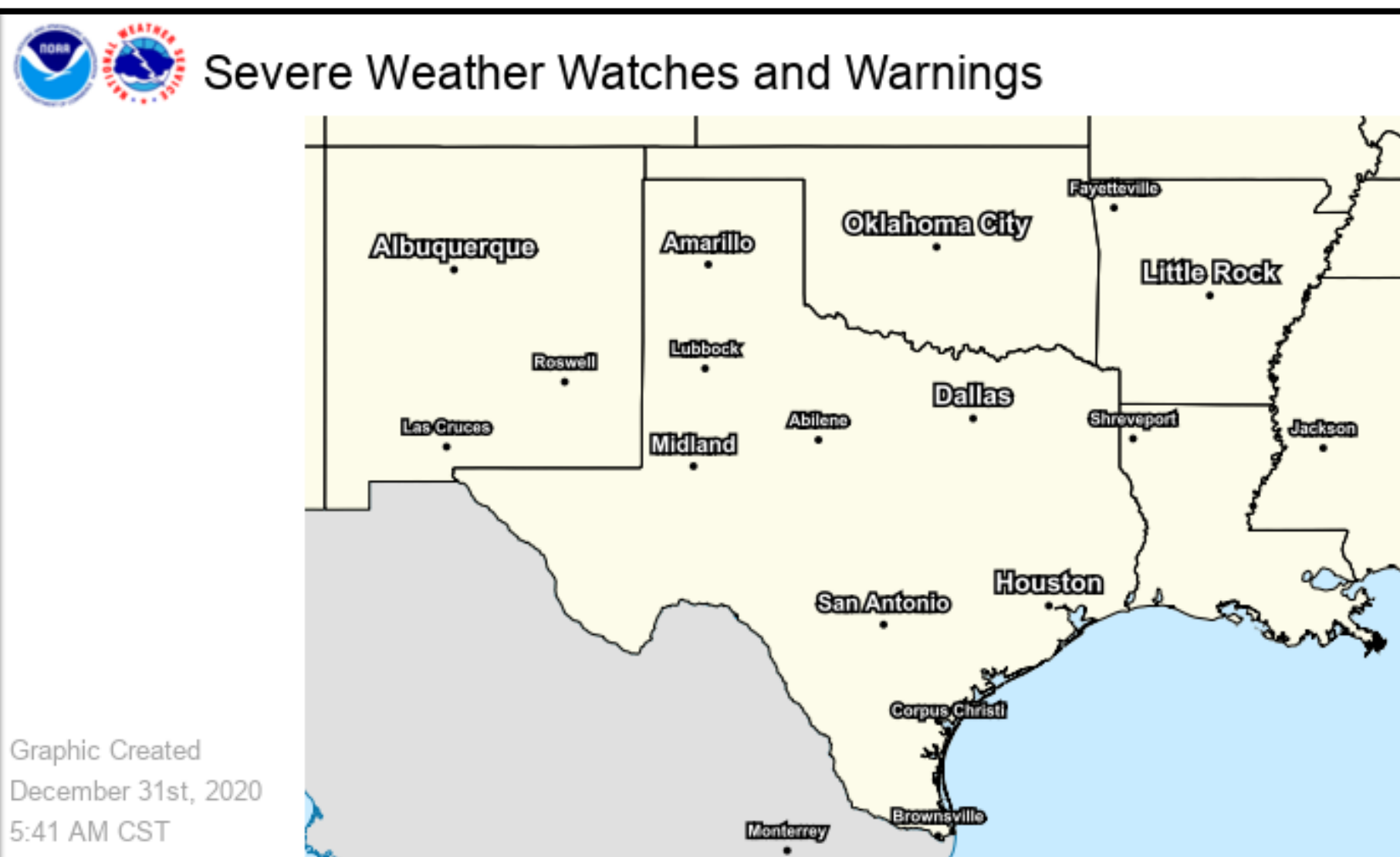
Heavy rain / flash flood threat over N&E TX, SE OK, W LA, into AR.

Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards

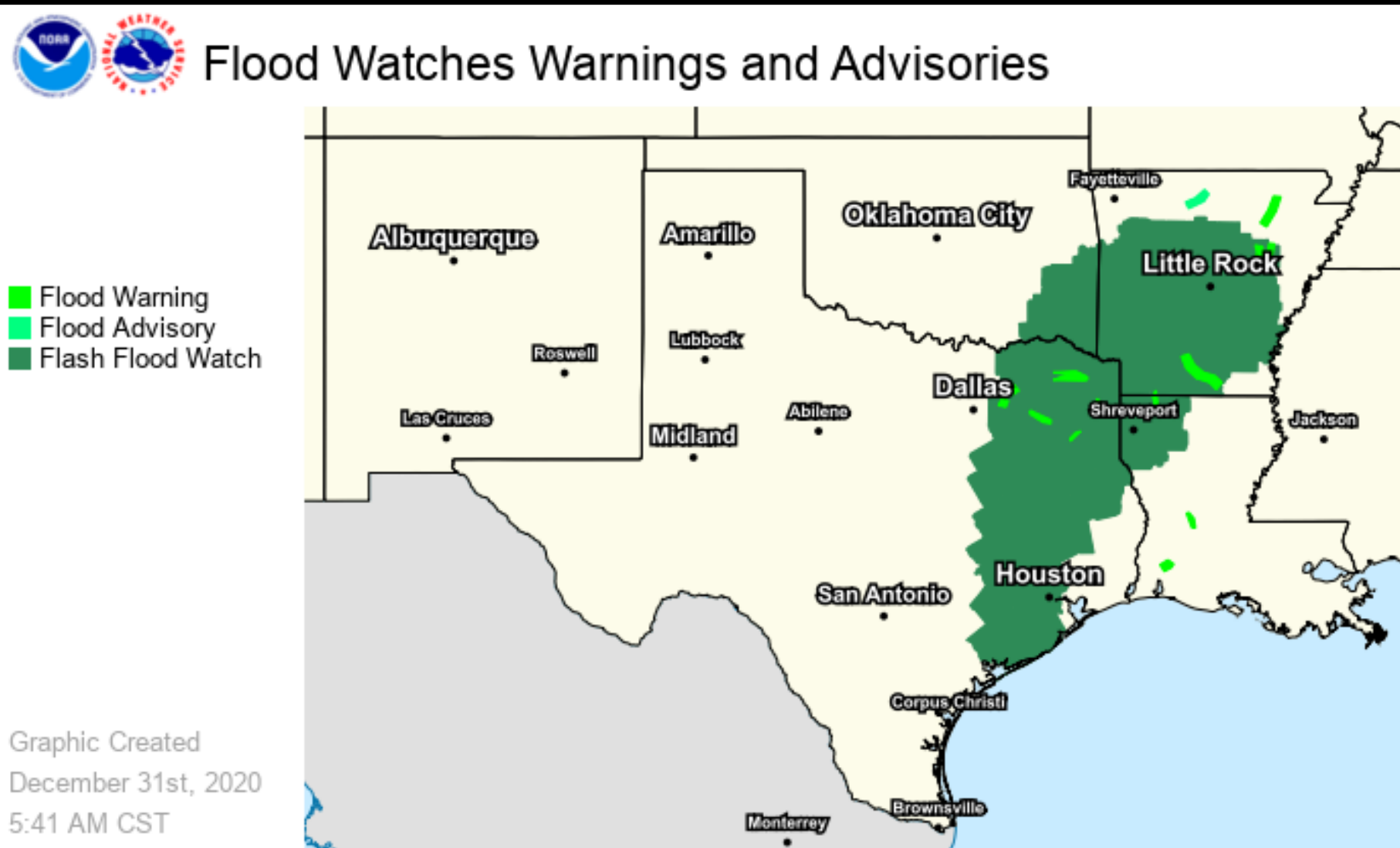
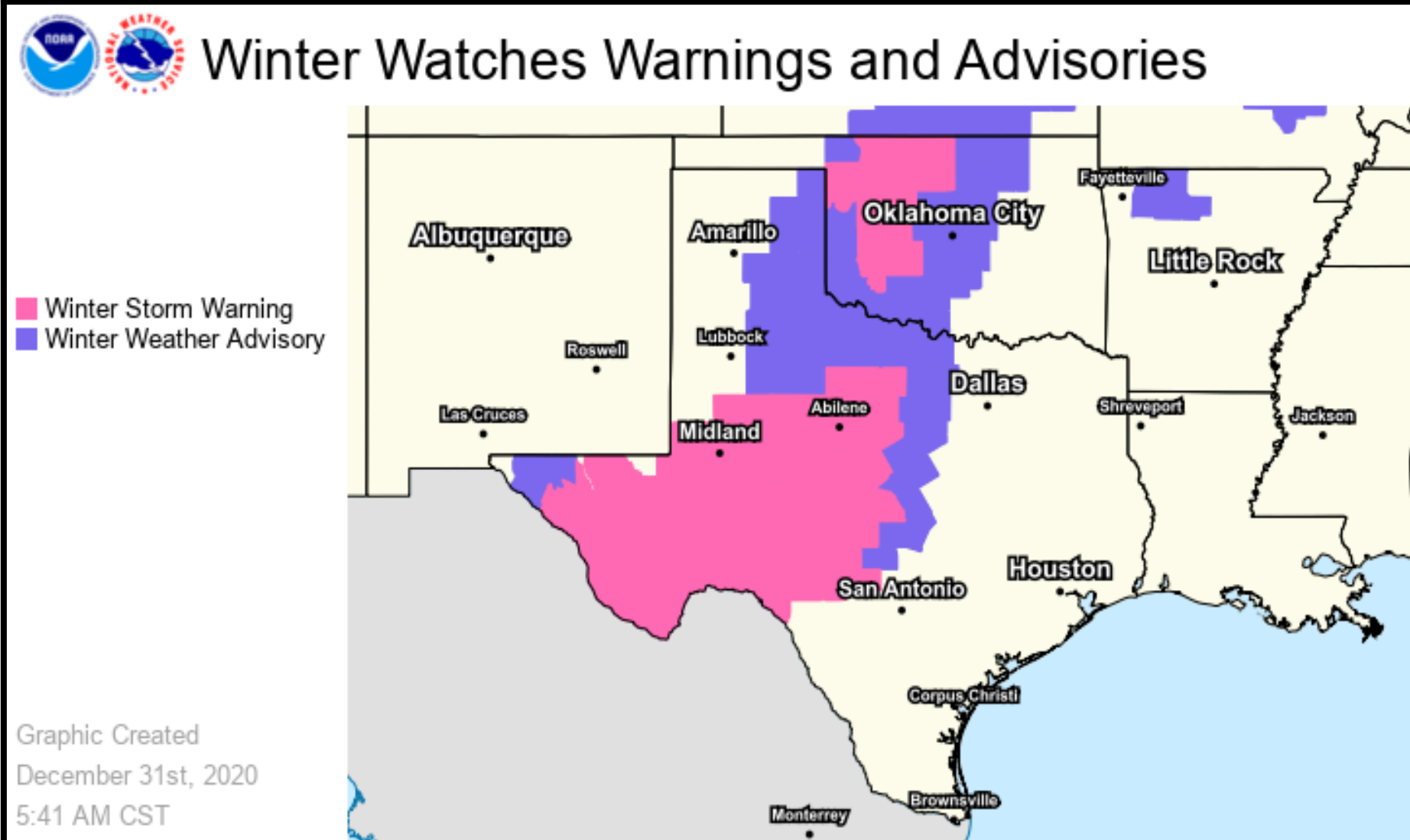


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Winter Storm Warnings for portions of southwest and western Texas thru midnight and for portions of west-central Texas through 6am Friday. Travel will be very difficult to impossible.

Winter Weather Advisories in effect for portions of W-Central TX, NW TX, western and central OK through Friday morning. Travel could very difficult.



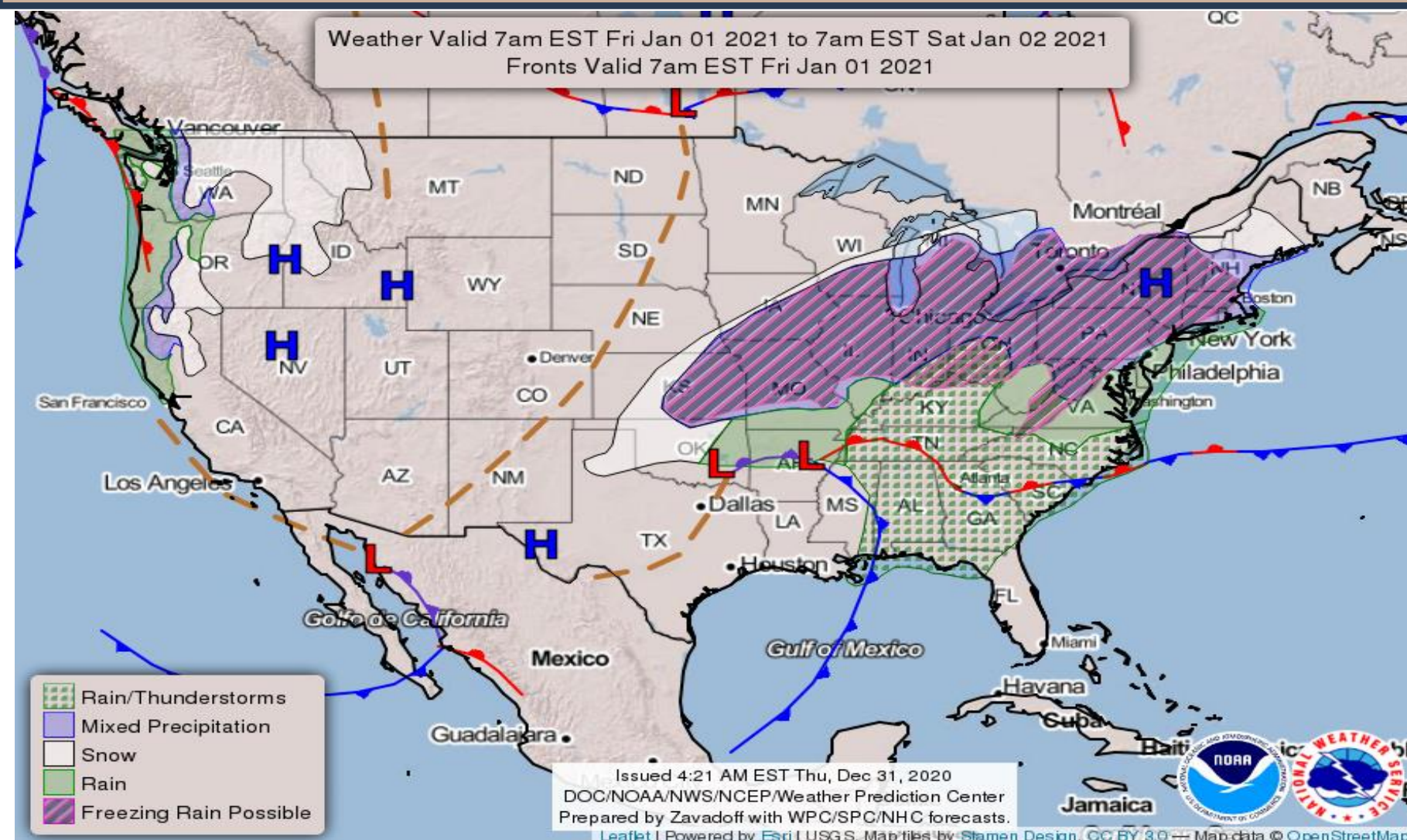
Flash Flood Watches for E TX into SE OK, NW LA, and much of AR today.

Tomorrow's Weather

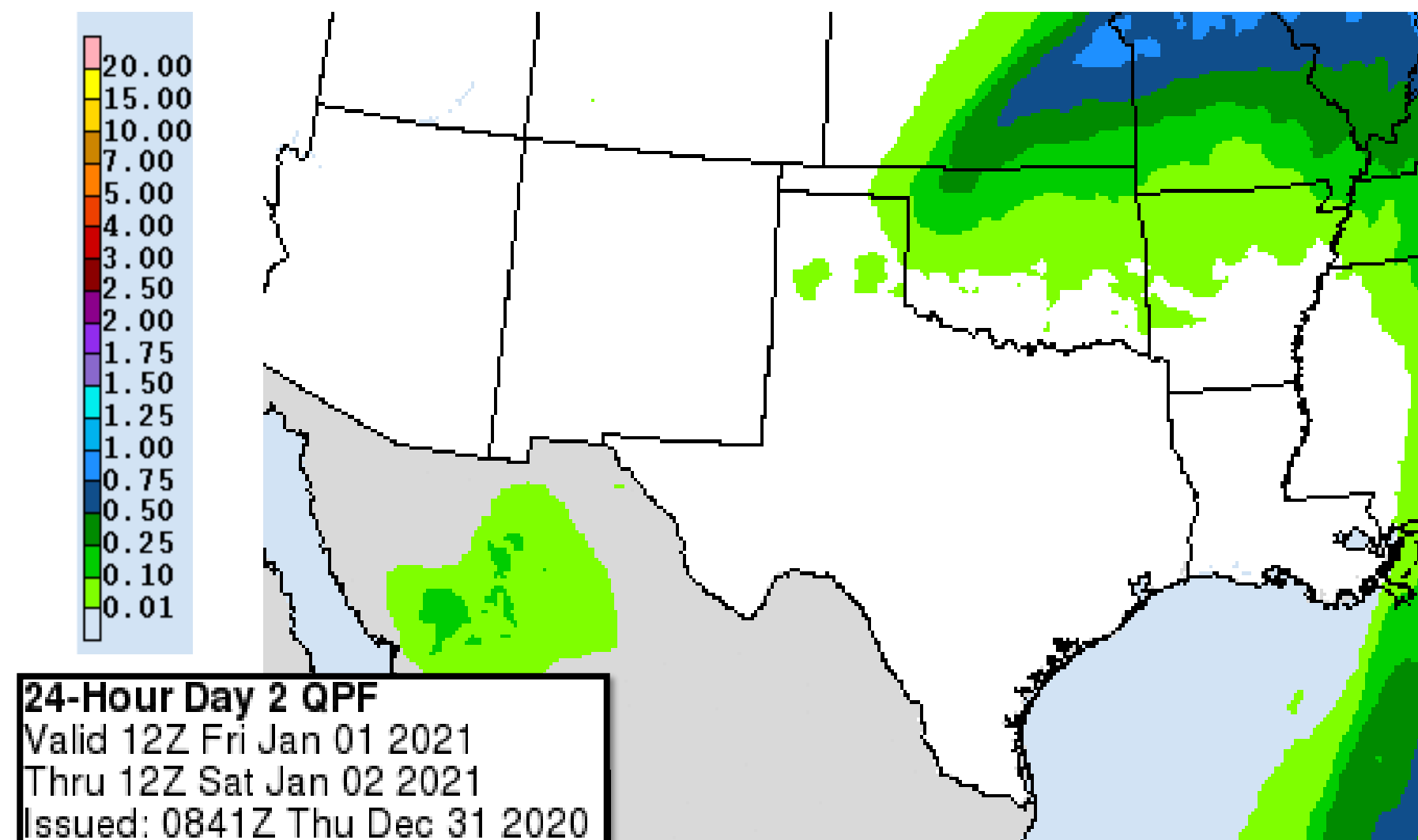


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Forecast Chart

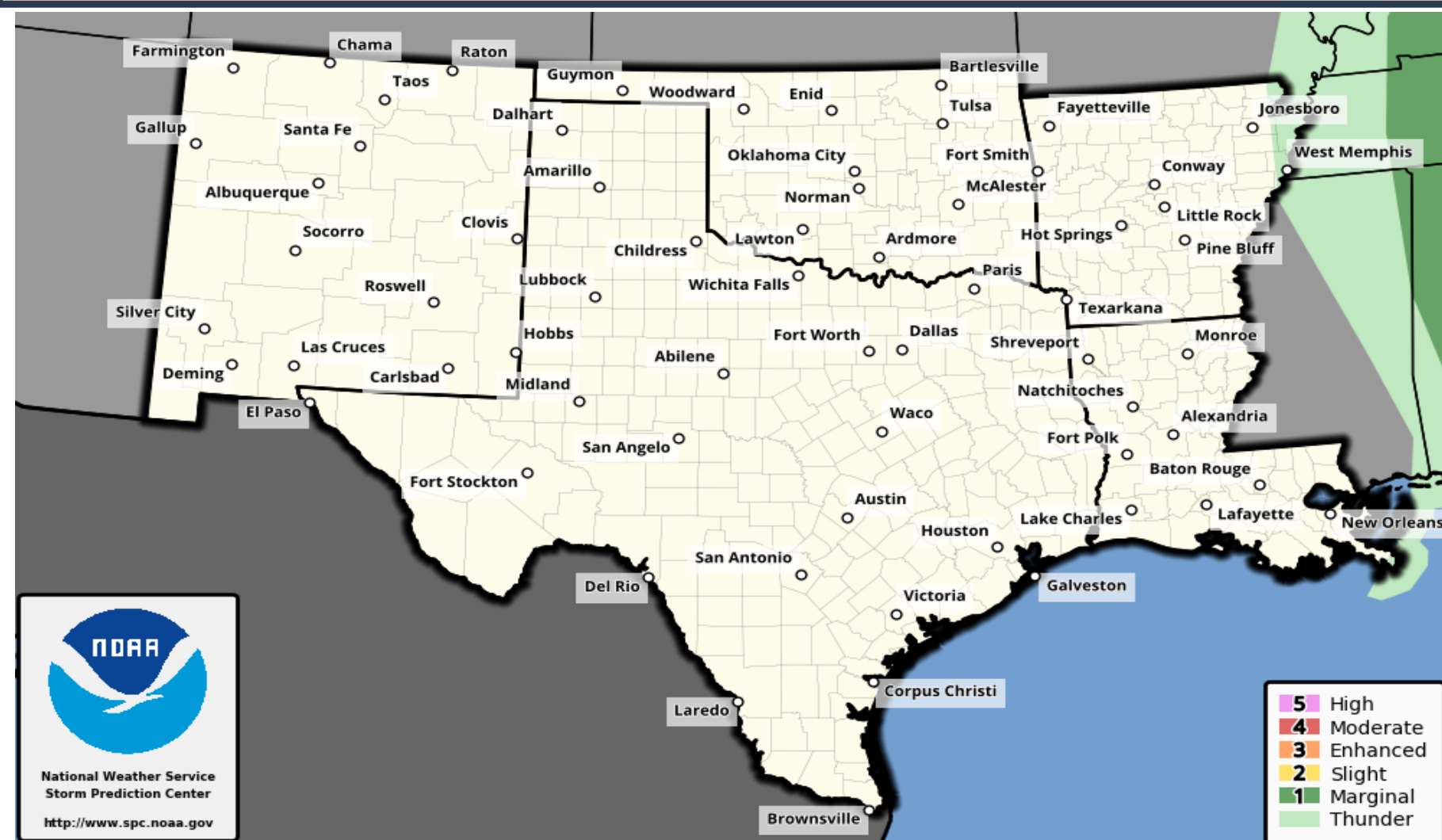


Forecast Rainfall

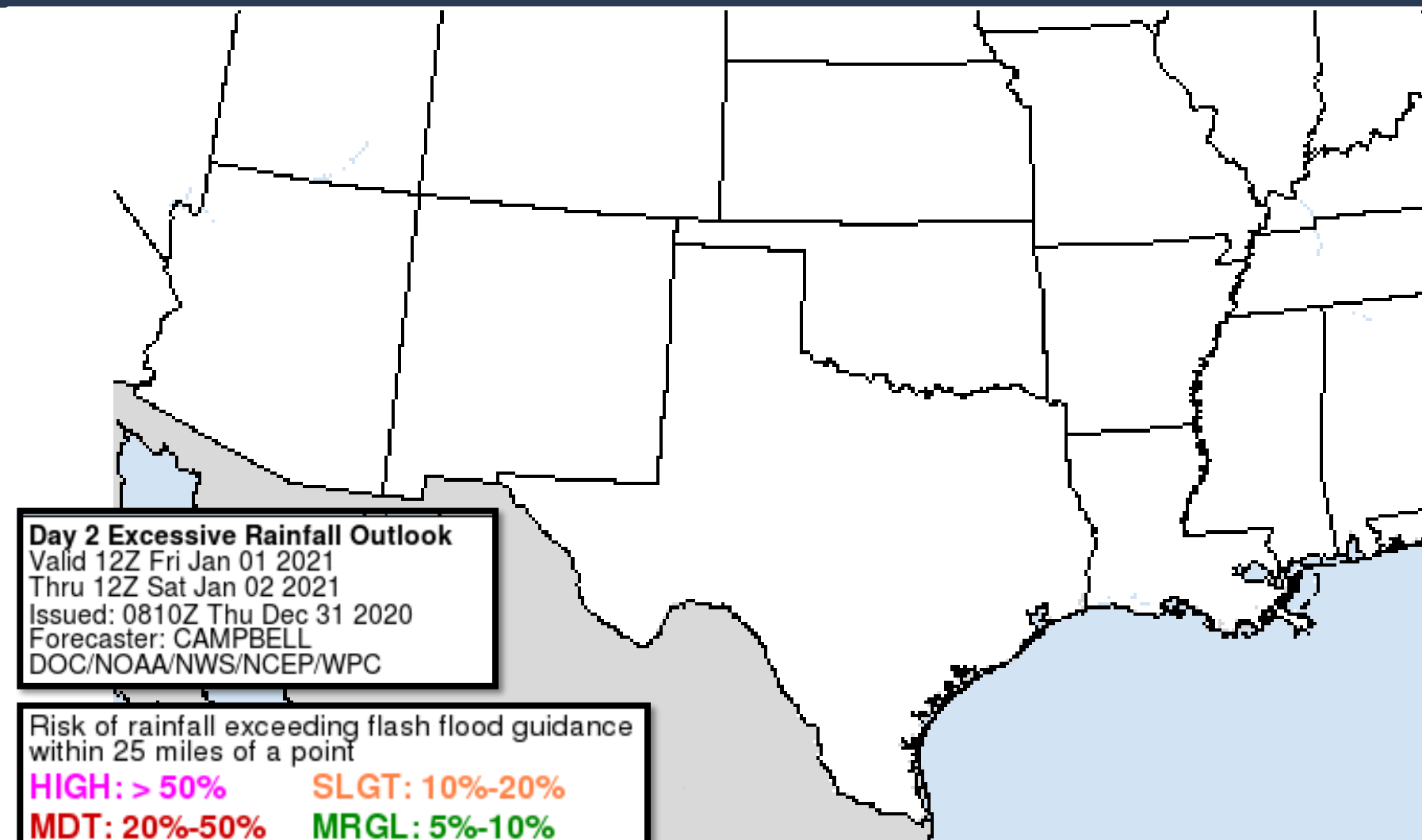


Winter weather/minor travel impacts may linger for N OK/N AR.

Severe Weather Outlook



Excessive Rainfall Outlook



Winter Weather

Thursday - Saturday



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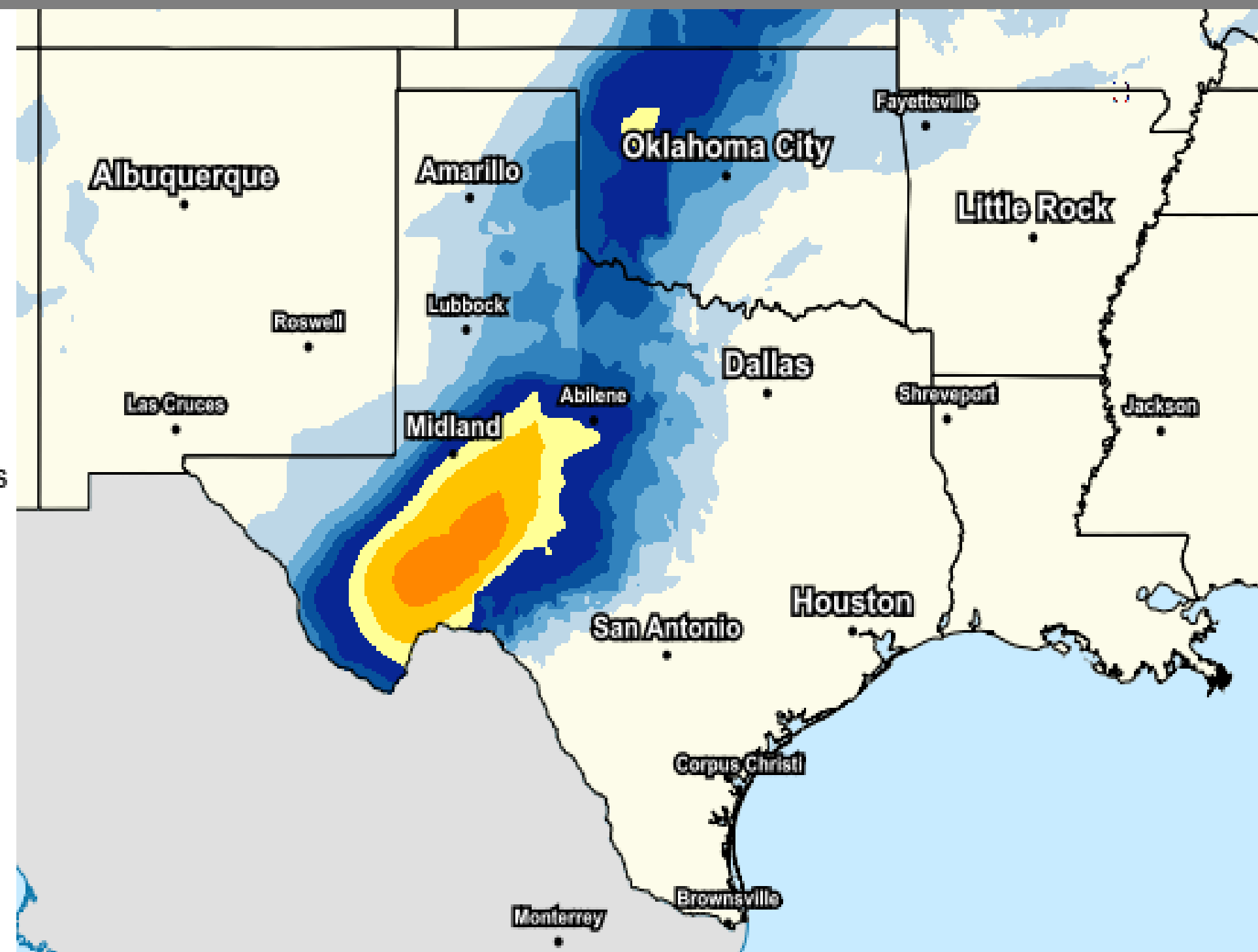
Forecast Snow Amounts



Forecast Snowfall

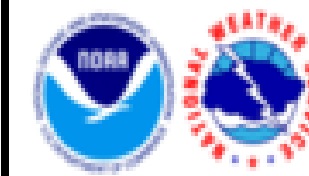
Valid Ending Sunday January 3rd, 2021 at 6 AM CST

- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches



Graphic Created
December 31st, 2020
5:22 AM CST

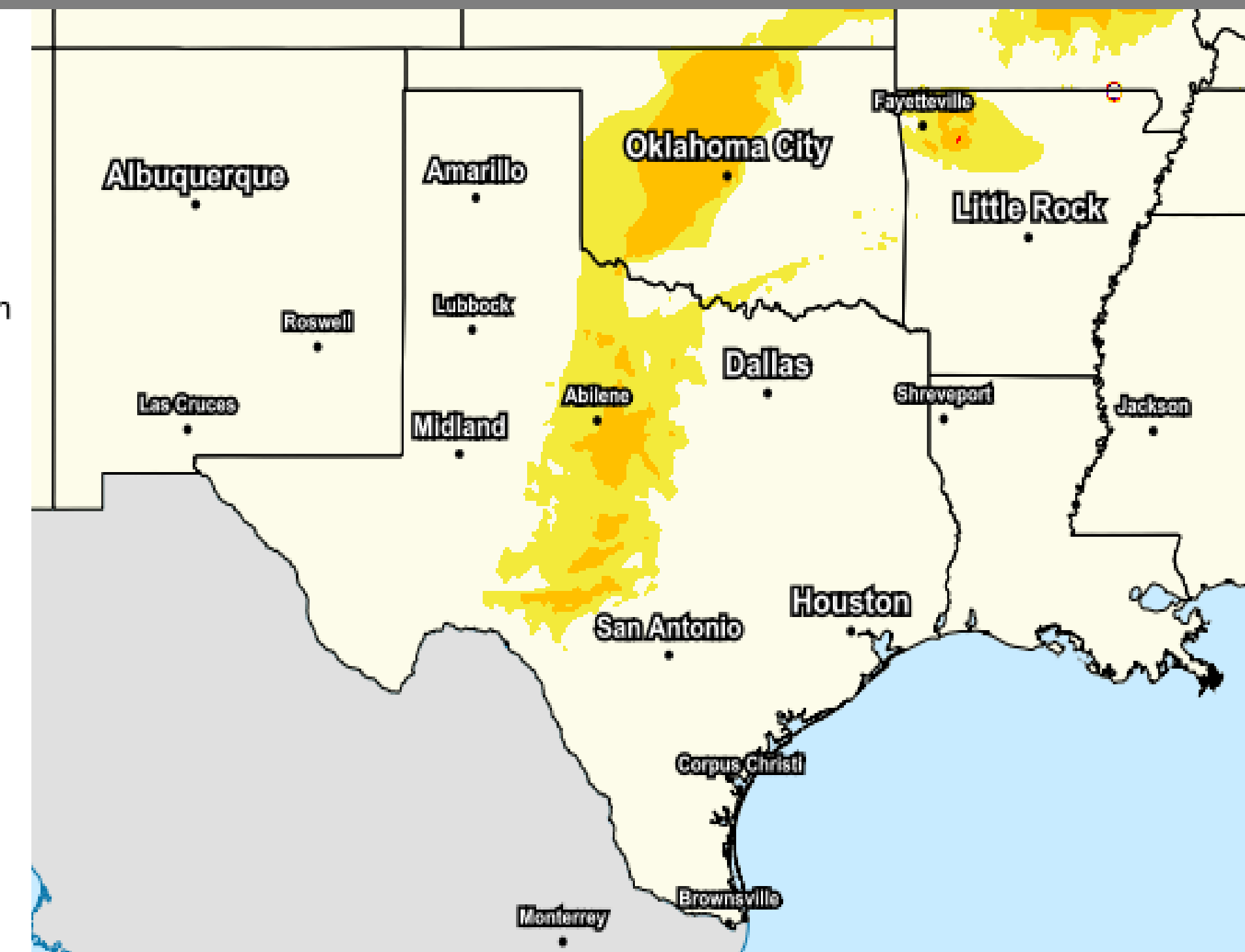
Forecast Ice Amounts



Ice Accumulation Forecast

Valid Ending Sunday January 3rd, 2021 at 6 AM CST

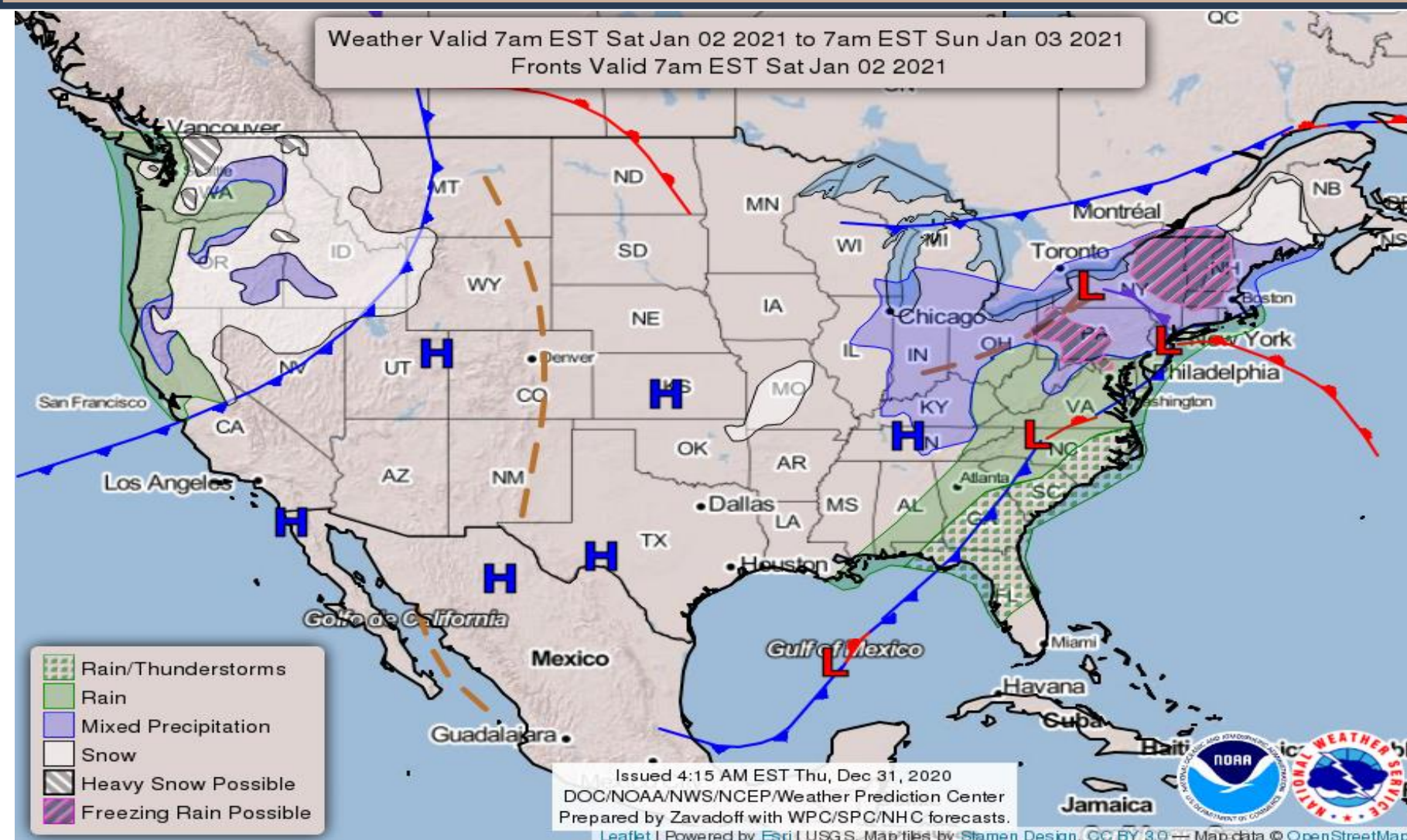
- 0.01 to 0.10 inch
- 0.10 to 0.25 inch
- 0.25 to 0.50 inch
- 0.50 to 0.75 inch
- 0.75 to 1.0 inch
- 1.0 to 2.0 inch
- Greater than 2.0 inch



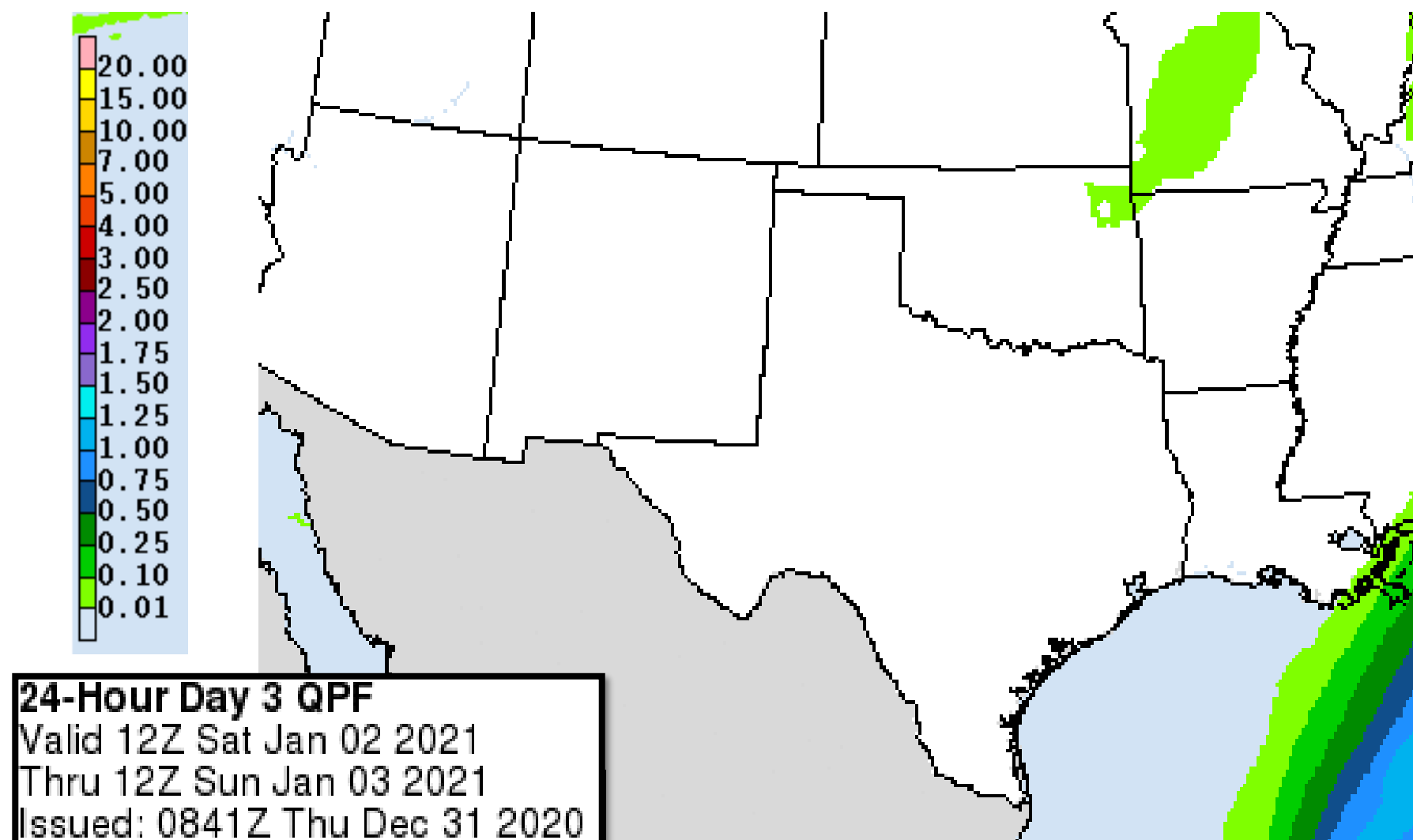
Graphic Created
December 31st, 2020
5:23 AM CST

Saturday's Weather

Forecast Chart



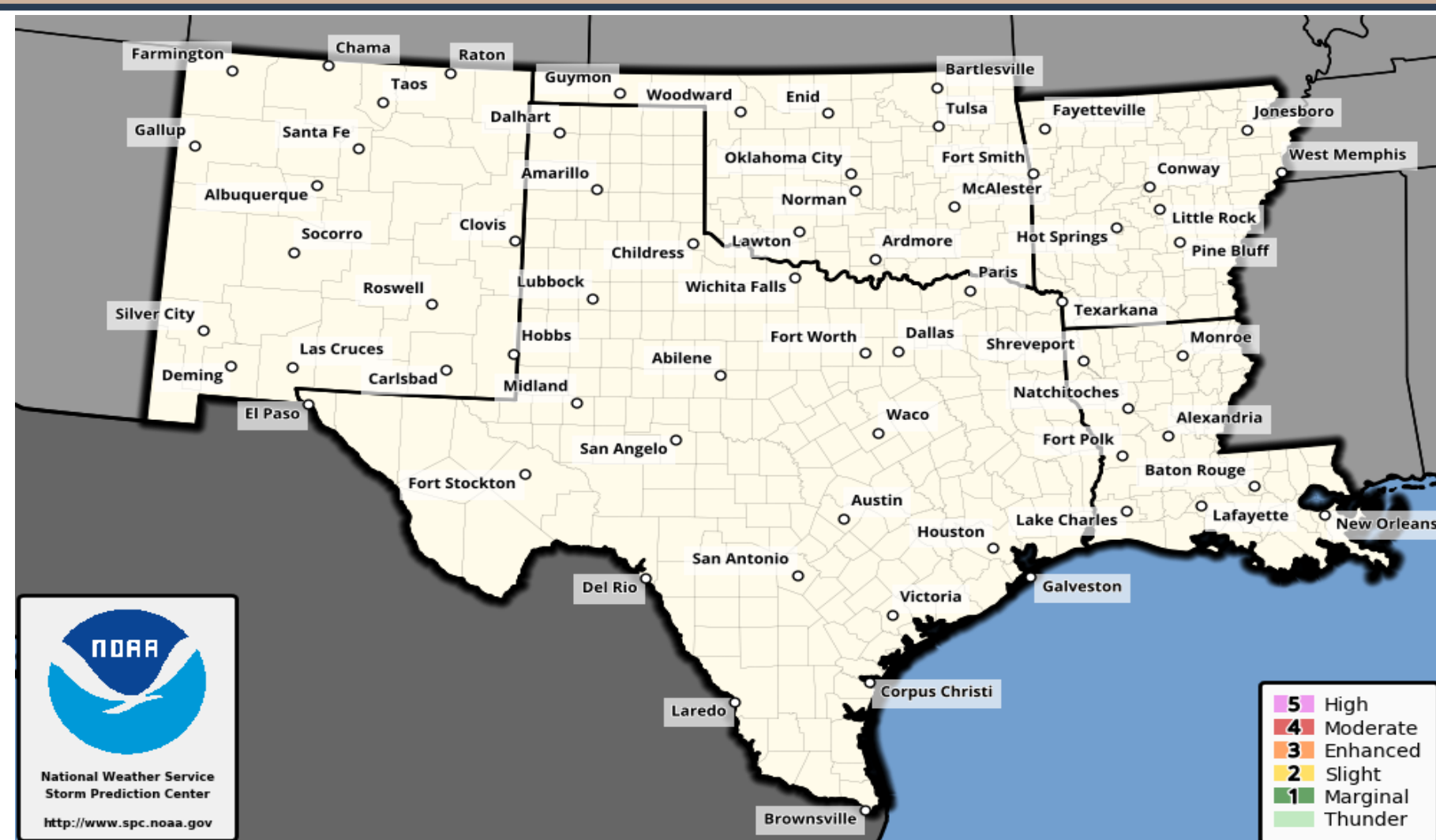
Forecast Rainfall



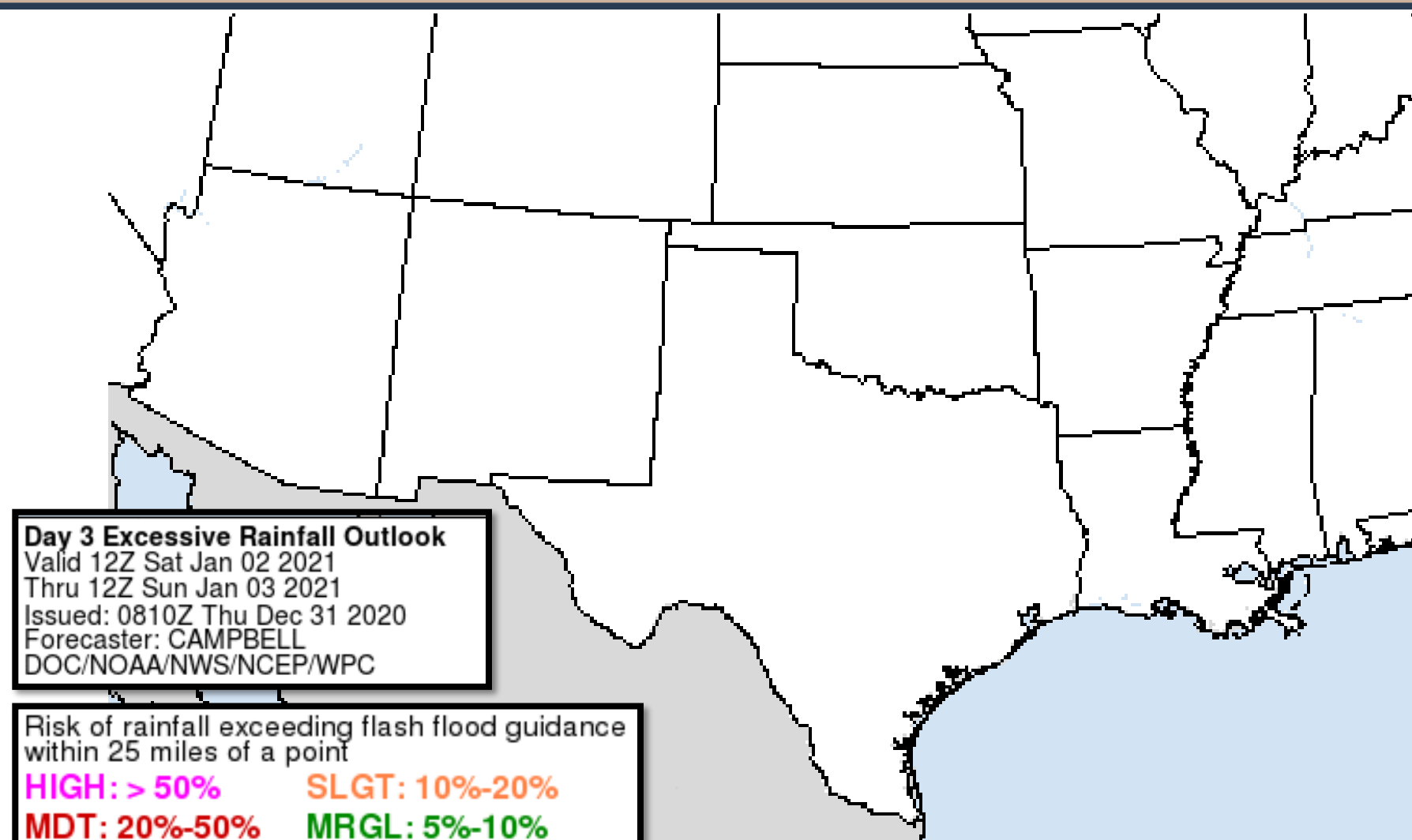
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No significant weather
expected.

Severe Weather Outlook



Excessive Rainfall Outlook



Days 4-5 Weather Hazards

Sunday - Monday



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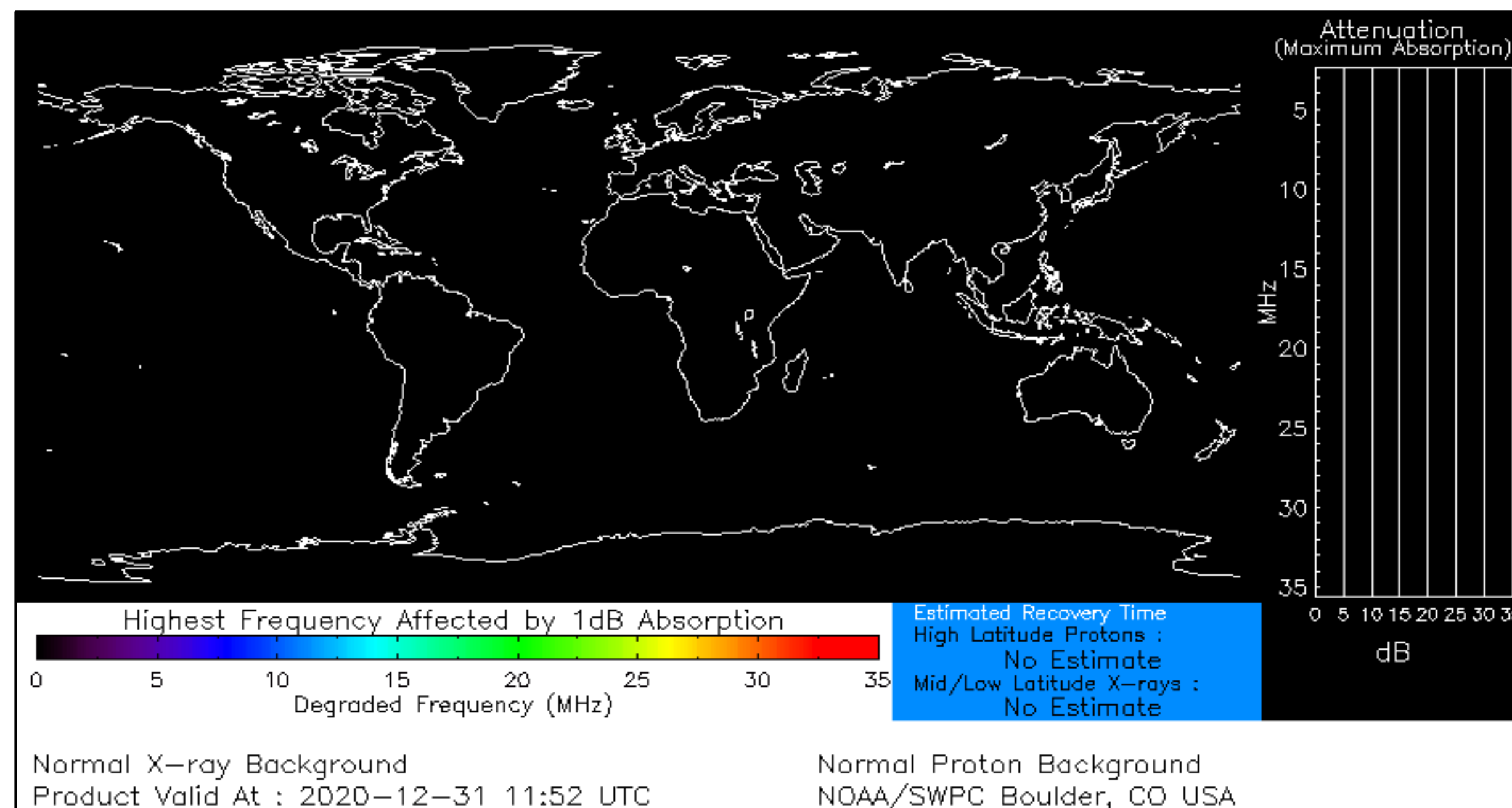
No significant weather impacts expected.

Space Weather 3-Day Forecast



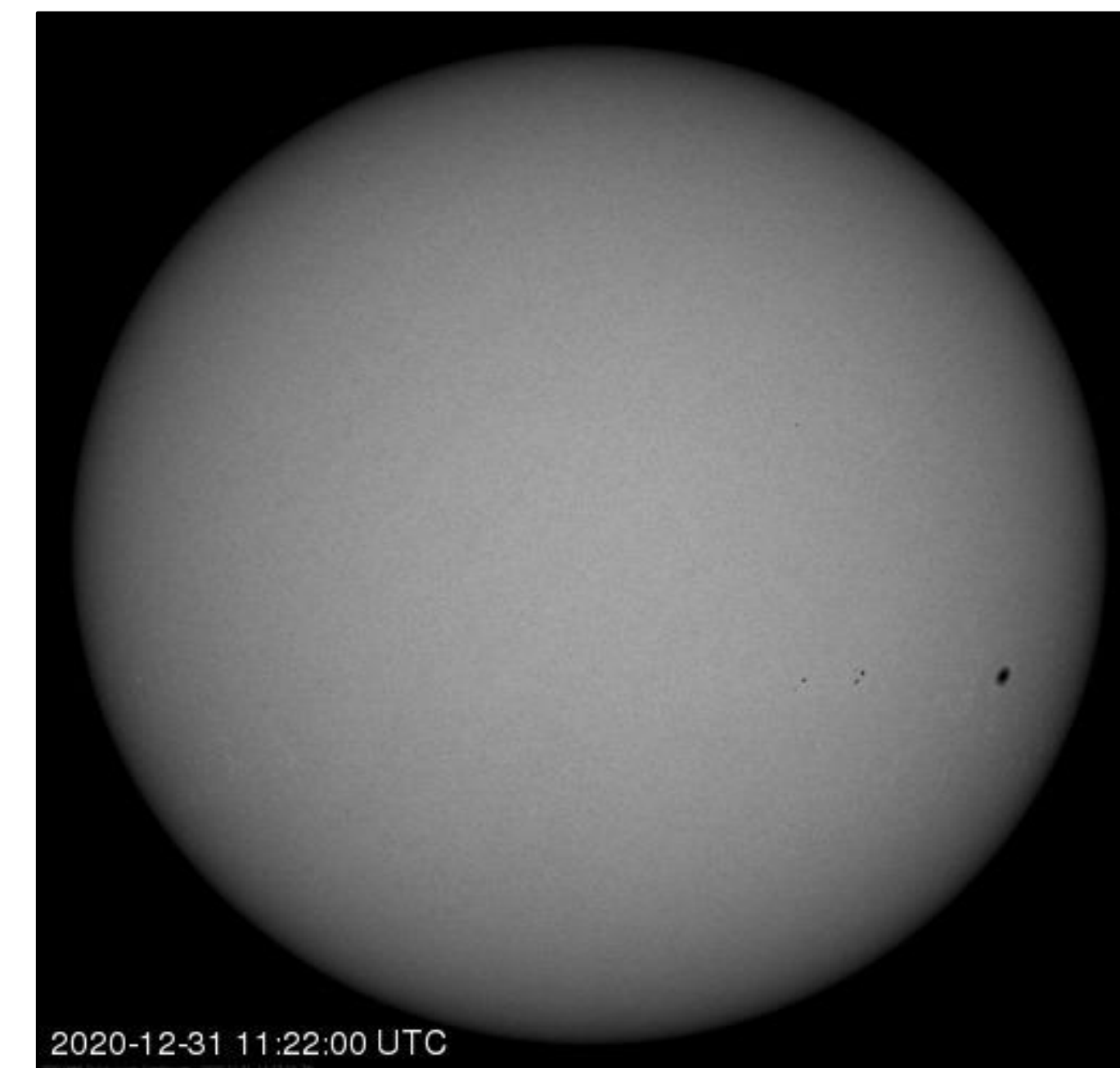
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	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov